



## NITRO SERIES

# NITRO 85<sup>+</sup>

silent, powerful, reliable & state-of-the-art.

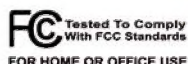
From 350W up to 1200W, with and without cable management solutions, a perfect choice for efficient quality!



### NON-MODULAR MODELS

- Ranging from 350 - 500 Watt
- Best price/performance with efficiency
- 120mm silent fan with automatic fan speed control
- Sleeved cable with extra length
- Compliant WEEE, RoHS, EUP & 80+
- Multiple system-protecting safety features

### CERTIFICATIONS



### MODULAR MODELS

- Ranging from 550 - 1.200 Watt
- Intelligent cable management
- 140mm silent fan with automatic fan speed control
- CrossFireX Ready & SLI Support
- Supports PCIe 2.0 with 6+2pin (8pin) PCIe connectors
- Multiple system-protecting safety features

# NITRO SERIES



## FEATURES

### NON-MODULAR MODELS

MODEL	20+4PIN	P4 (4PIN)	EPS (4+4)	6+2PCI-E	6PIN-PCI-E	SATA	MOLEX	4PIN-FDD	120mm FAN	140mm FAN	Cable management
BPS-350S	1	1	N/A	N/A	1	4	3	1	1	N/A	N/A
BPS-400S	1	1	N/A	N/A	1	4	3	1	1	N/A	N/A
BPS-450S	1	N/A	1	N/A	1	4	3	1	1	N/A	N/A
BPS-500S	1	N/A	1	N/A	1	4	3	1	1	N/A	N/A

### MODULAR MODELS

MODEL	20+4PIN	P4 (4PIN)	EPS (4+4)	6+2PCI-E	6PIN-PCI-E	SATA	MOLEX	4PIN-FDD	120mm FAN	140mm FAN	Cable management
BPS-550C	1	N/A	2	2	N/A	6	4	1	N/A	1	X
BPS-650C	1	N/A	2	2	N/A	6	4	1	N/A	1	X
BPS-750C	1	N/A	2	4	N/A	8	4	1	N/A	1	X
BPS-850C	1	N/A	2	4	N/A	8	4	1	N/A	1	X
BPS-950C	1	N/A	2	4	N/A	8	4	1	N/A	1	X
BPS-1200C	1	N/A	2	6	N/A	10	8	2	N/A	1	X



## VALUES

	MODEL	BPS-350S	BPS-400S	BPS-450S	BPS-500S	BPS-550C	BPS-650C	BPS-750C	BPS-850C	BPS-950C	BPS-1200C
INPUT	VOLTAGE	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V	100V-240V
	FREQUENCY	50-60HZ	50-60HZ	50-60HZ	50-60HZ	47-63HZ	47-63HZ	47-63HZ	47-63HZ	47-63HZ	47-63HZ
	CURRENT	5A/2.5A	5A/2.5A	6A/3A	6A/3A	8A	10A	10A	12A	12A	15A
OUTPUT	EFFICIENCY	min.85%	min.85%	min.85%	min.85%	min.85%	min.85%	min.85%	min.85%	min.85%	min.85%
	P.F.	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9	>0.9
	+3,3V	21A	24A	24A	24A	25A	25A	25A	25A	25A	99W (30A)
	+5V	15A	15A	15A	15A	25A	25A	25A	25A	25A	150W (30A)
	+12V1	11A	17A	17A	18A	44A	53A	60A	70A	76A	600W (50A)
	+12V2	14A	14A	16A	18A						600W (50A)
	-12V	0,3A	0,3A	0,3A	0,3A	0,8A	0,8A	0,8A	0,8A	0,5A	0,8A
	+5Vsb	3A	3A	3A	3A	3A	3A	3A	3A	3A	3,5A
	+3,3V&5V	103W	120W	120W	130W	150W	150W	150W	150W	150W	99W (30A) 150W (30A)
	+12V Comb.	300W(25A)	372W(31A)	396W(33A)	432W(36A)	528W(44A)	636W(53A)	720W(60A)	840W(70A)	912W(76A)	600W (50A) 600W (50A)
	Total Output	350W	400W	450W	500W	550W	650W	750W	850W	950W	1200W



## SAFETY

- Active PFC (Power Factor Correction)
- UVP (Undervoltage protection)
- OVP (Overvoltage protection)
- SCP (Short-circuit protection)
- OPP (Overload protection)
- OCP (Overcurrent protection)
- OTP (Over Temperature Protection)
- AFC (Automatic Fanspeed Control)
- MTBF (mean time between failure): >100.000h

